

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-003730**Date Inspected:** 25-Aug-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 2200**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 800**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** n/a**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG/Tower**Summary of Items Observed:**

Caltrans Quality Assurance (QA) Inspector Sherri Brannon arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island, in Shanghai, China to periodically monitor welding and Quality Control (QC) functions. While on site the QA Inspector observed and or discovered the following.

Bay 8

NDT Inspection Caltrans QA - Caltrans QA Inspector performed magnetic particle testing (MT) on fillet welds for the following:

Top Diaphragm ESD1-SA348 WJ# 1 & 2,

Bottom Diaphragm ESD1-SA371 WJ# 1,

Top Diaphragm SSD1-SA169 WJ# 8,

Bottom Diaphragm SSD1-SA326 WJ# 1 & 2

Bottom Diaphragm SSD1-SA293 WJ# 7

See Caltrans Magnetic Particle Test Report, TL-6028 dated August 25, 2008 for additional information.

The following Notification of witness inspection document No: 00908 dated 2008-8-24, 14:21 for Final MT in Bay 8 have not been completed by ZPMC at the end of this shift.

SSD1-SA293- WJ#8

SSD1-SA277 WJ#6 & 7

Bay 7

The following Notification of witness inspection document No: 00910 dated 2008-8-25, 7:10 for Final MT -

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

FB033-001. QA could not locate in Bay 7 must have been moved to another location.

Summary of Conversations:

No relevant conversations to report.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Ady Velasco 13816942685, who represents the Office of Structural Materials for your project.

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| Inspected By: | Brannon,Sherri | Quality Assurance Inspector |
| Reviewed By: | Lanz,Joe | QA Reviewer |
